

FIG. 1

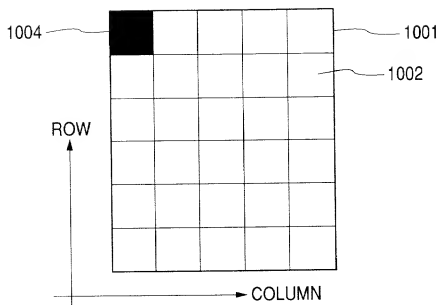


FIG. 2

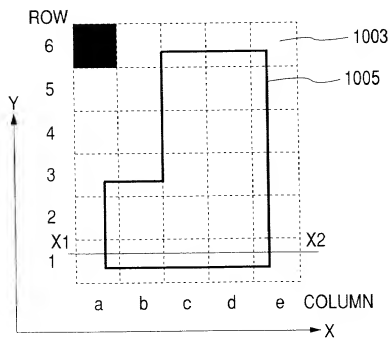


FIG. 3

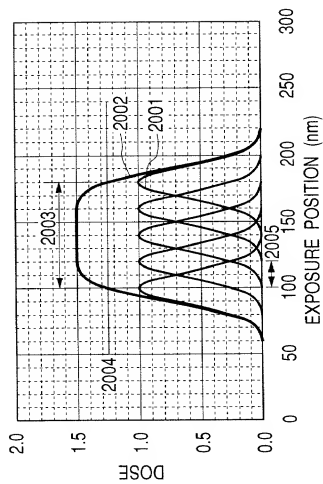


FIG. 4

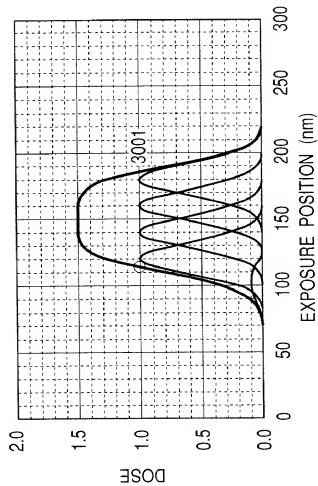
EXPOSURE DOSE RATIO  
10%EDGE POSITION  
115nm

FIG. 5

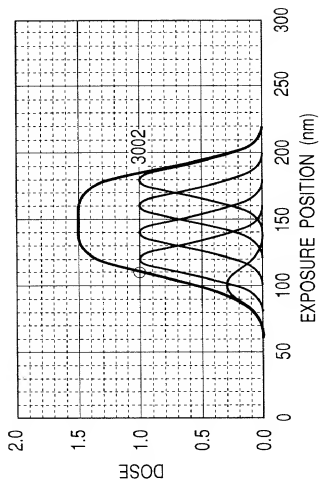
EXPOSURE DOSE RATIO  
30%

FIG. 6

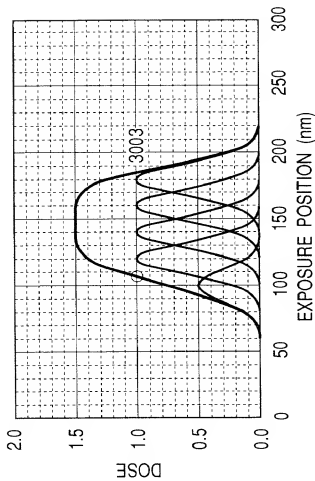
EXPOSURE DOSE RATIO  
50%

FIG. 7

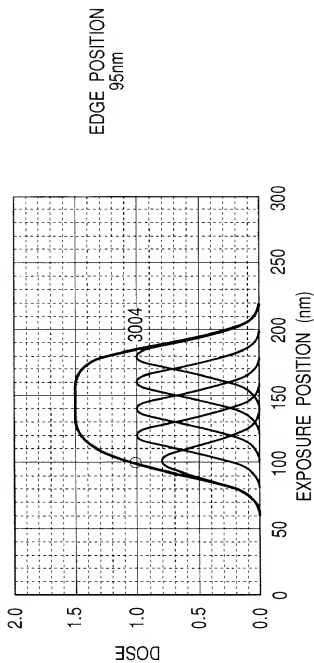
EXPOSURE DOSE RATIO  
80%

FIG. 8

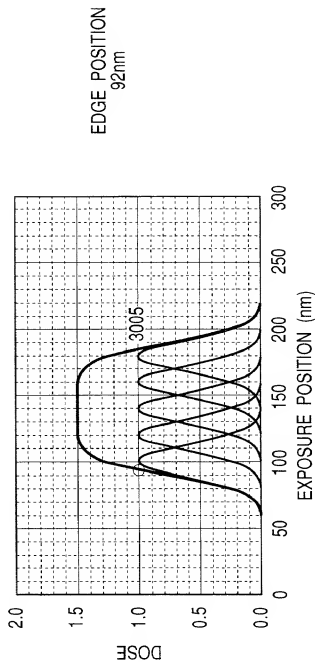
EXPOSURE DOSE RATIO  
100%

FIG. 9

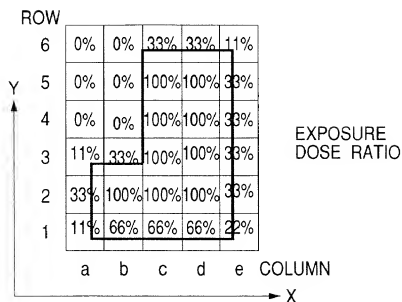


FIG. 10

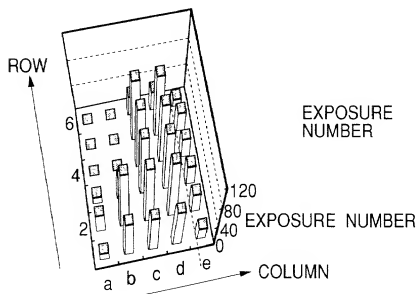


FIG. 11

ROW

6	0	0	33	33	11
5	0	0	100	100	33
4	0	0	100	100	33
3	11	33	100	100	33
2	33	100	100	100	33
1	11	66	66	66	22

COLUMN

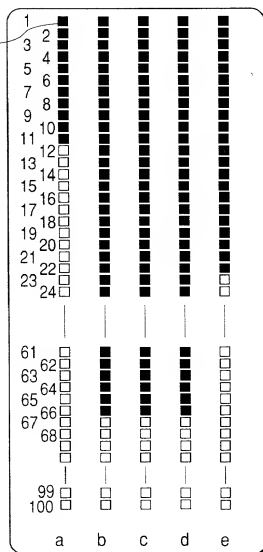
a b c d e

X

Y

FIG. 12

CHARGED PARTICLE  
BEAM SOURCE



5001

FIG. 13

ROW

6	0	0	33	33	11
5	0	0	100	100	33
4	0	0	100	100	33
3	11	33	100	100	33
2	33	100	100	100	33
1	11	66	66	66	22
	a	b	c	d	e

COLUMN

X

Y

FIG. 14

CHARGED PARTICLE  
BEAM SOURCE

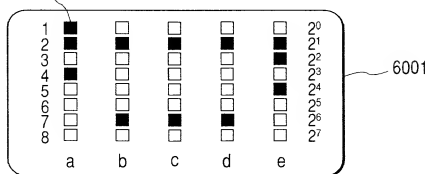


FIG. 15

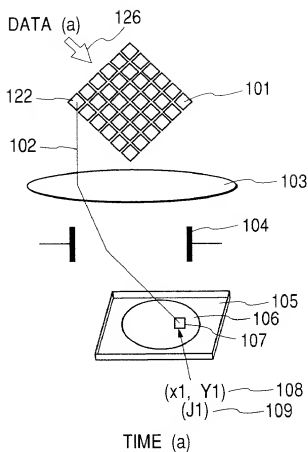


FIG. 16

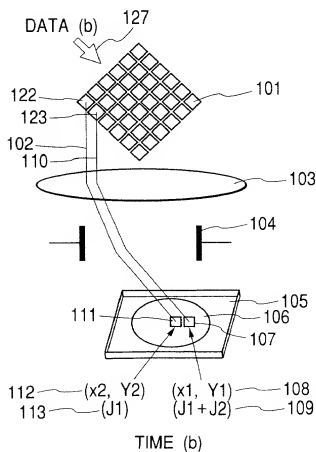




FIG. 18

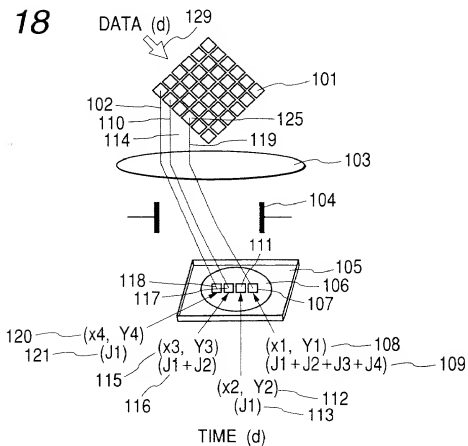
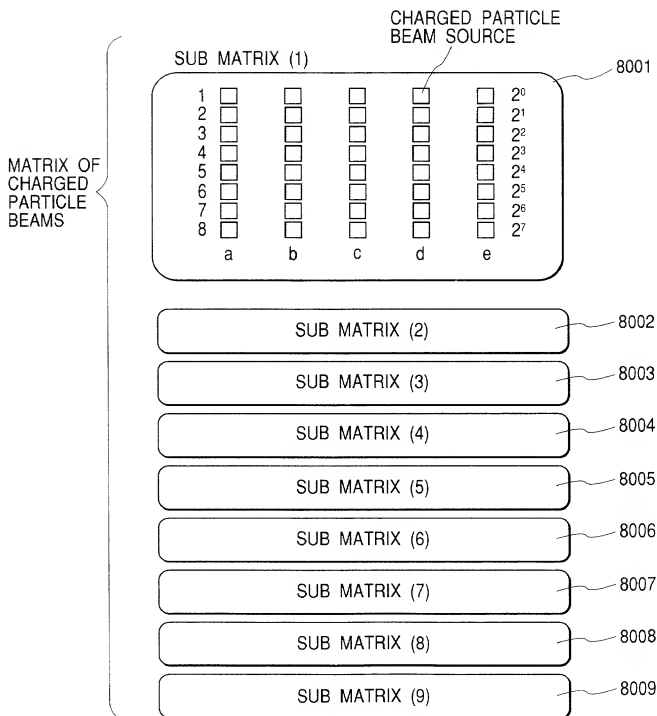
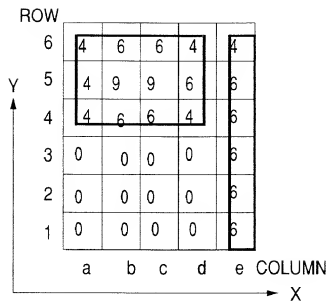
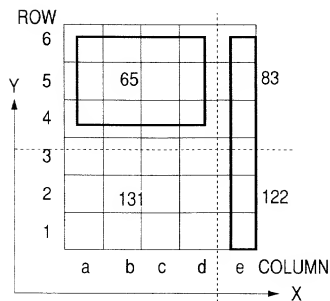


FIG. 19



**FIG. 20**

DATA MAP OF EXPOSURE NUMBER

**FIG. 21**

DATA OF EXPOSURE DOSE

FIG. 22

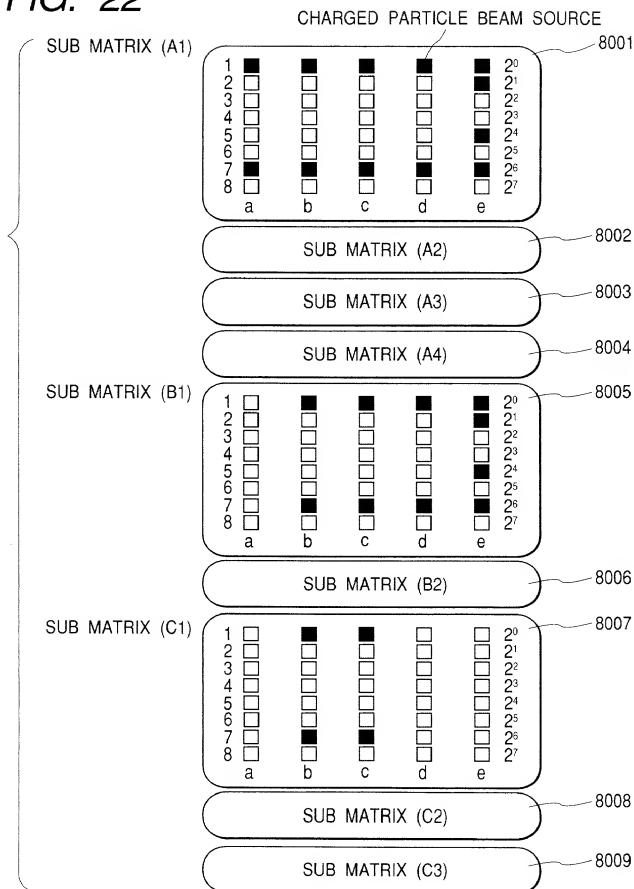
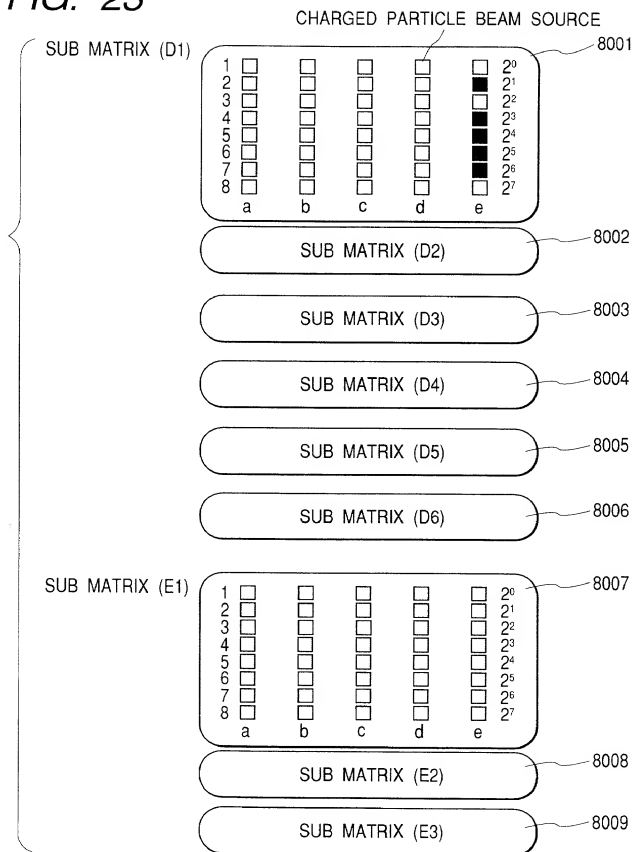


FIG. 23



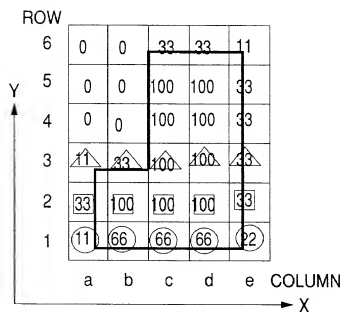
*FIG. 24*

FIG. 25

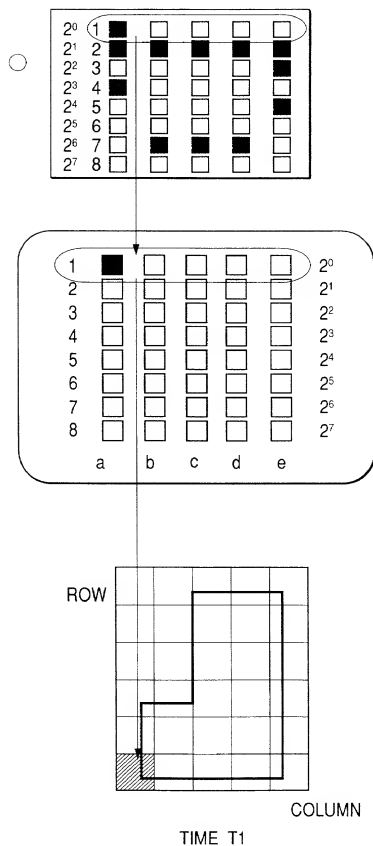


FIG. 26

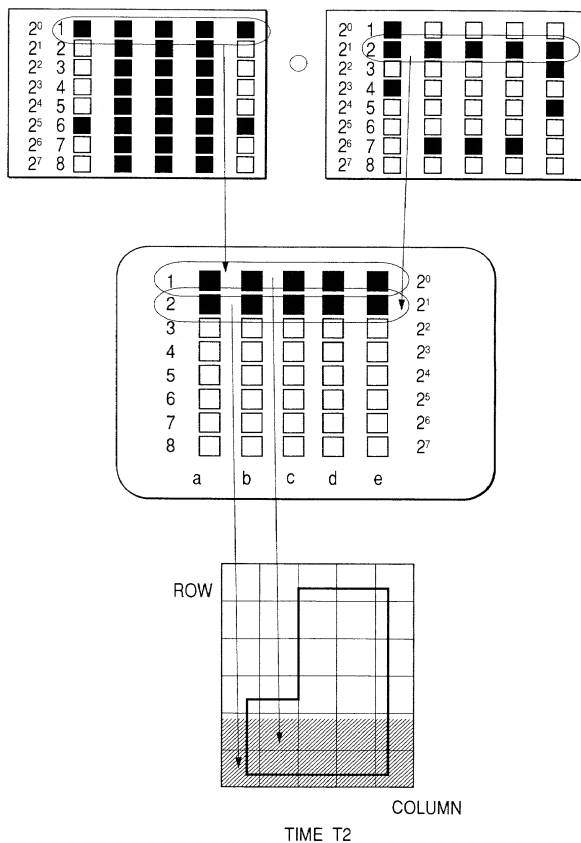




FIG. 27

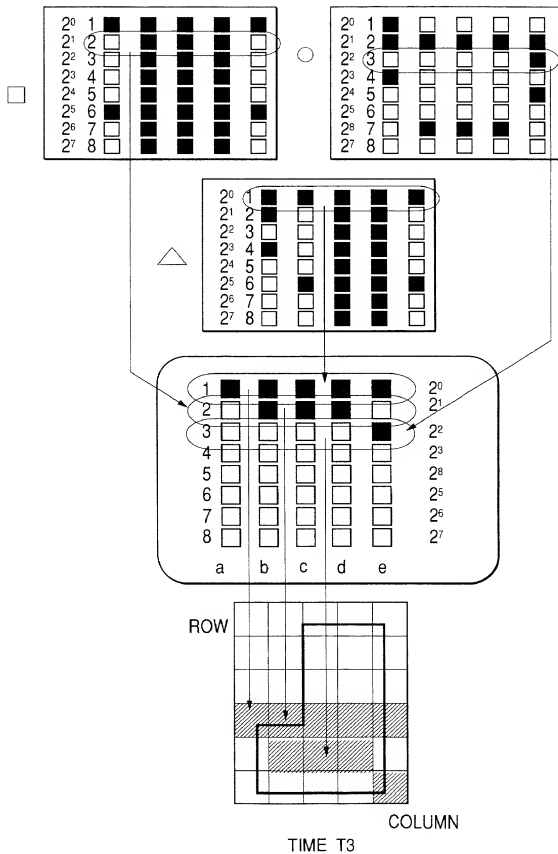




FIG. 29

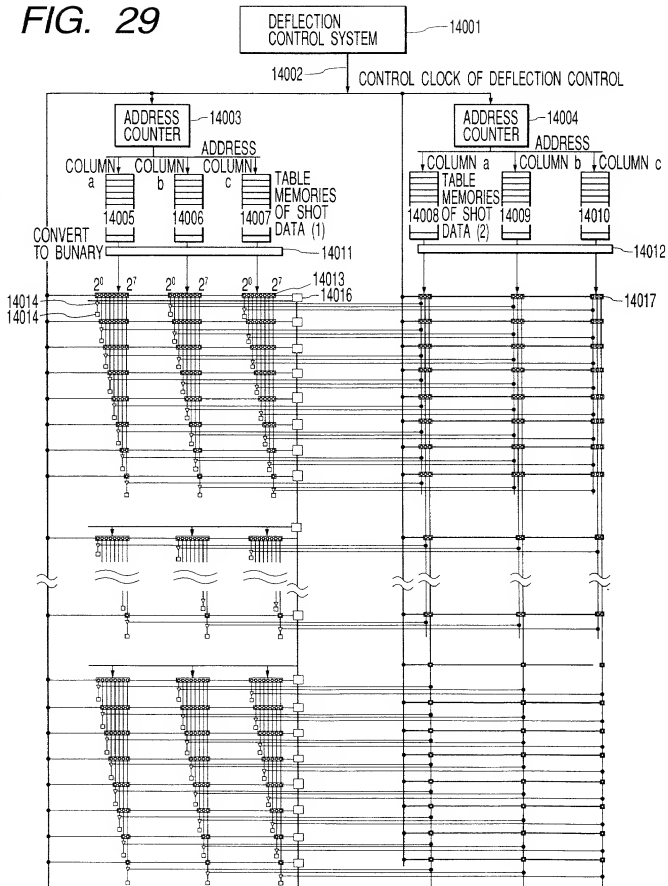


FIG. 30

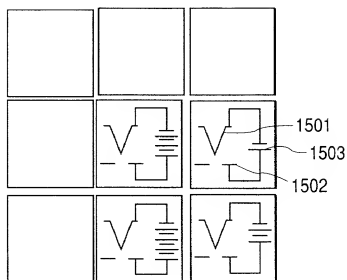
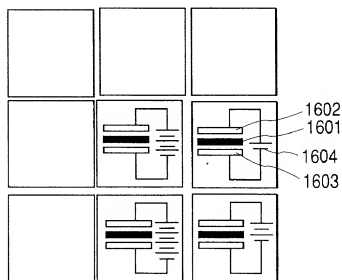
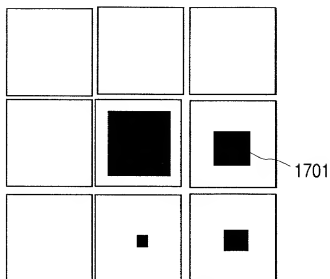


FIG. 31



*FIG. 32**FIG. 33*